

Fig. 2 is an explanatory view of states of windings and directions of magnetic fluxes generated by respective windings in an inverter transformer according to the present invention;

Figs. 3(a) and 3(b) are explanatory views of winding methods for primary windings 1W in inverter transformers according to the present invention;

Fig. 4 is an explanatory view of positions A and B for measuring a magnetic field on an inventive sample according to the present invention and a comparative sample of a conventional product;

Fig. 5 is a graph showing measurement results at several positions A shown in Fig. 4 on the inventive and comparative samples;

Fig. 6 is a graph showing measurement results at several positions B shown in Fig. 4 on the inventive and comparative samples;

Figs. 7(a), 7(b) and 7(c) are respectively schematic top plan, front elevation, and partial cross-sectional views of an inverter transformer according to a second embodiment of the present invention, and Figs. 7(d) and 7(e) are respectively schematic front elevation and partial cross-sectional views of an inverter transformer according to a third embodiment of the present invention;

Figs. 8(a) and 8(b) are respectively schematic top plan and front elevation views of an inverter transformer according to a fourth embodiment of the present invention, and Fig. 8(c) is a front elevation view of an inverter transformer according to a fifth embodiment of the present invention;

Figs. 9(a) and 9(c) are respectively schematic top plan and front elevation views of an inverter transformer according to a sixth embodiment of the present invention, and Fig. 9(b) is a perspective view of an external unit used in the inverter transformer according to the sixth embodiment;

Figs. 10(a) and 10(c) are respectively schematic top plan and front elevation views of an inverter transformer according to a seventh embodiment of the present invention, and Fig. 10(b) is a perspective view of an external unit used in the inverter transformer according to the seventh embodiment;

Figs. 11(a) and 11(b) are respectively schematic top plan and front elevation views of an inverter transformer according to an eighth embodiment of the present invention, Fig. 11(c) is a perspective view of an external unit used in the inverter transformer according to the eighth embodiment, and Fig. 11(d) is a front elevation view of another inverter transformer according to the eleventh embodiment including a different type transformer body;

Figs. 12(a) and 12(b) are respectively schematic top plan and front elevation views of an inverter transformer according to a ninth embodiment of the present invention, Fig. 12(c)